

REMARKS

Reconsideration of the application is respectfully requested for the following reasons:

1. Amendments to Claims

Claim 11 has been amended to clarify that the invention involves:

- connection of a field device to a control system or engineering system that controls the total course of a process or enables direct access for operating, parametering, or configuring a field device,
- the provision of a GUI for operating the field device by means of a device description file,
- the device description file including an XML data component and an XSL presentation component that are loaded together dynamically into a browser at run time,
- the XML and XSL files producing an HTML page that provides the GUI for the field device, and
- the HTML page being dynamically changed in accordance with changes in the XML or XSL files to match the GUI to the field device.

These amendments are supported by the original specification, as follows: . Connection of the field device to a control or engineering system that controls the total course of a process or enables direct access for operating, parametering or configuring the field device is described in paragraphs 7 and 22. Provision of the GUI to operate the field device is described in paragraph 10, lines 3-4. The XML data component and the XSL presentation component of the device description file are described in paragraph 13, lines 1-5, while production of the HTML page is and dynamic changing of the HTML page in accordance with changes in the XML and XSL files is described in paragraph 26 and Fig. 3. Accordingly, amended claim 11 does not involve “new matter.”

New claim 19 has the same limitations as amended claim 11, except that the recitations of connecting the field device and of the HTML page dynamically changing in accordance with

changes in the XML and XMS files has been omitted. Claims 20-25 are identical to claims 12 and 14-18 except that they depend from new claim 19 rather than amended claim 10.

2. Rejection of Claims 10, 12, and 14-18 Under 35 USC §103(a) in view of U.S. Patent Publication No. 2002/0101431 (Forney) and U.S. Patent No. 7,017,116 (Elsbree)

This rejection is respectfully traversed on the grounds that the Forney publication and the Ellsbree patent fail to disclose or suggest, whether considered individually or in any reasonable combination, a device description file that includes an XML data component and XSL presentation component, as claimed, much less one that is used to produce an HTML page for operating a field device, as claimed.

Forney merely teaches a **method of visualizing received data** from a process control system involving multiple devices, by creating animated objects. The method of Forney is **not used to operate any device**, but rather only processes *received* data order to make the data more understandable. The data received by the method of Forney is in the form of XML and XSL files, but the XML and XSL files are not used to produce an HTML file that provides a GUI for controlling any sort of field device, for example by editing the parameters of the field device, and in addition the XML and XSL files of Forney are clearly not part of any *device description* file for operating a field device. Since the method of Forney only utilizes data *received from* the process control system, it is not possible that the method of Forney would have the effect of *operating* a field device, as claimed. While Forney's creation of animated objects might help to visualize processes, it has nothing to do with a dynamically-changeable GUI for operating a field device, as claimed.

The failure of Forney to teach any sort of field device operating GUI, or a GUI that operates a field device by means of a "device description file," is not remedied by the Elsbree patent, which is directed to a GUI on a portable device. Elsbree has **no need** to connect with a field device since it is already on the device being operated, and **no suggestion** of a device description file that includes XML and XSL components loaded together to dynamically produce an HTML page that provides the GUI. To the contrary, Elsbree is primarily concerned with

adapting a GUI created on a first computer with a fully capable operating system for use on a portable device such as a Window CE device having a “less capable operating system.”

The GUI of Elsbree is not and cannot be dynamically produced, but rather is produced by first *simulating* the portable device so that the GUI can be tested *before* it is placed on the device. This has nothing to do with the claimed invention, and **Elsbree’s** concept of **minimizing GUI processing requirements for a less capable operating system** is **completely inconsistent with Forney’s *processor-intensive data visualization by animation***. In other words, the reason given by the Examiner on page 5 of the Official Action for the proposed combination, namely “*for the purpose of providing information being automatic and easy for the task of generating graphical user interface in a manufacturing process, as taught in Elsbree,*” could not possibly have been derived from the teachings of either Forney or Elsbree since:

- Elsbree does not teach simplifying the task of generating GUI in a manufacturing process, but rather manufacturing of a simplified GUI, and
- Forney does not teach a GUI at all, but only an animated display of data.

As a result, the proposed combination of Forney and Elsbree would not have been obvious, and would not have resulted in the claimed invention, and withdrawal of the rejection of claims 10, 12, and 14-18 under 35 USC §103(a) is accordingly requested.

Having thus overcome each of the rejections made in the Official Action, withdrawal of the rejections and expedited passage of the application to issue is requested.

Respectfully submitted,

BACON & THOMAS, PLLC

/Benjamin E. Urcia/

By: BENJAMIN E. URCIA
Registration No. 33,805

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Serial Number 10/523,785

BACON & THOMAS, PLLC
625 Slaters Lane, 4th Floor
Alexandria, Virginia 22314

Telephone: (703) 683-0500

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